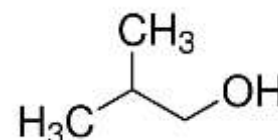


## ISO BUTANOL AR/ACS

<b>PRODUCT CODE</b>	<b>550365</b>
<b>SYNONYMS</b>	<b>(Iso Butyl Alcohol)</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>78- 83- 1</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>(CH<sub>3</sub>)<sub>2</sub>CH.CH<sub>2</sub>OH</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>74.12</b>
<b>PROPERTIES</b>	<b>--</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	A clear liquid with a characteristic odour. not more than 10 Hazen units incolour.
Solubility	5% Solution in water is clear and colourless.
Minimum assay (By GC)	99.0%
Boiling Range	106°C to 109°C
Wt. per ml at 20°C	0.801 - 0.802 g
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.395 - 1.396

### MAXIMUM LIMIT OF IMPURITIES

Water Insoluble matter	Passes test.
Water (H <sub>2</sub> O)	0.2%
Non volatile matter	0.002%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
Copper (Cu)	0.0001%
Acidity (CH <sub>3</sub> COOH)	0.002%
Aldehyde & Ketone(C <sub>3</sub> H <sub>7</sub> CHO)	0.015%

**Note(s) : Assay (if applicable) method mentioned.**

### DANGER

**HAZARD STATEMENTS :** May cause respiratory irritation. Flammable liquid and vapour. Harmful if inhaled. May be harmful if swallowed. Causes skin irritation. Causes serious eye damage.

### PRECAUTIONARY STATEMENTS :

**Prevention :** Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from heat/sparks/open flame - No smoking. Use only outdoors or in a well ventilated area. Wear protective gloves and eye/face protection. Keep container tightly closed

**Response :** Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wear eye/face protection. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction. Wash/Decontaminate removed clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Remove/ Take off immediately all contaminated clothing

**Disposal:**-----

**Hazard Pictogram(s) :**



GHS02



GHS05



GHS07

IMDG Code : 3/III  
UN No. : 1212  
IATA : 3

Replace Date 01/07/2020